



U.S. Department  
of Transportation

Pipeline and  
Hazardous  
Materials Safety  
Administration

400 Seventh Street, S.W.  
Washington, D.C. 20590

**MAY 3 2005**

DOT-E 11073  
(TENTH REVISION)

EXPIRATION DATE: March 31, 2007

(FOR RENEWAL, SEE 49 CFR § 107.109.)

1. GRANTEE: E.I. DuPont de Nemours and Company, Incorporated  
Wilmington, Delaware
2. PURPOSE AND LIMITATION:
  - a. This exemption authorizes the transportation in commerce of chlorosulfonic acid in DOT Class 112S tank cars constructed of ASTM 240-70, Type 304L stainless steel, equipped with 1/2 inch thick full head shields, and provides no relief from the Hazardous Materials Regulations other than as specified.
  - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 172.102(c)(3) Special Provision B14 and B74; and § 179.101-1.
5. BASIS: This exemption is based on the application E.I. DuPont de Nemours and Company dated March 31, 2005, submitted in accordance with § 107.109.

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## 6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication number	Packing Group
Chlorosulfonic acid (with or without sulfur trioxide)	8	UN1754	I
Sulfuric acid, fuming	8	UN1831	I

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Prescribed packagings are DOT Class 112S tank cars constructed of ASTM 240-70, Type 304L stainless steel, with a rated pressure of 340 pounds per square inch or greater. Each tank car must be equipped with ½ inch thick full head shields. Reporting marks for tank cars operating under this exemption must be on file with the Office of Hazardous Materials Exemptions and Approvals (OHMEA) prior to offering the tank cars for transportation.

b. TESTING - Each car must be tested and inspected as required for DOT Class 112S tank cars.

c. MARKING - Each tank car tank must be marked "DOT-E 11073" in four inch letters and numerals on a contrasting background above the DOT specification number.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

9. MODES OF TRANSPORTATION AUTHORIZED: Rail freight.10. MODAL REQUIREMENTS: No modal-specific requirements are required by this exemption.

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11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this exemption must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who \performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by § 172.700 through § 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS:

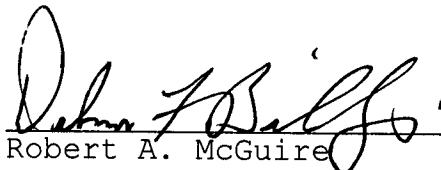
a. The Federal Railroad Administration is to be notified if any unusual incident, such as derailment or exterior tank car damage, occurs during the movement of a tank car operating under this exemption by contacting the:

Federal Railroad Administration  
Office of Safety Assurance and Compliance  
RRS-12, Mail Stop 25  
120 Vermont N.W.  
Washington, D.C. 20590  
(202) 493-6248 or 493-6229

b. The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (§ 171.15 and § 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must also inform the AAHMS, in writing, as soon as

practicable of any incidents involving the package and shipments made under this exemption.

Issued in Washington, D.C.:



for Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety

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DATE

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation, 400 Seventh Street, SW, Washington, D.C. 20590. Attention: DHM-31.

Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at <http://hazmat.dot.gov/exemptions> Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: AM